

DP-310,298

**SYSTEM AND METHOD FOR SENSING ANGULAR POSITION USING
RING MAGNET WITH SENSOR IN FLUX RETURN PATH .**

ABSTRACT OF THE DISCLOSURE

5 A Hall effect sensor is positioned in the return lines of the magnetic flux
of a ring magnet that is engaged with a rotating member the angular position of
which is sought to be measured. The signal from the Hall sensor indicates the
angular position of the rotating member.